

**Work Order ID 97116**

February-14-13 2:29:20 PM

**\*97116\***

Page 1

Item ID: D3949-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Remove before Flight Flag Assembly

*(6)*  
~~\*4\*~~  
~~\*4\*~~

Stop

**\*NS2\***

Start Date: 2/12/13 Start Qty: 4.00

Cust Item ID:

Required Date: 2/25/13 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan:

*(6)*Date: 13-02-19

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3949	A	0.00							
100		0.00							
<b>*100*</b>									
Purchasing	<b>Memo</b>	0.00							
Purchasing	Issue P/O: <u>19138</u>								
	Manufacture as per Dwg D3949-041								
	Supplier: Tulmar								
	Certificate of conformity is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
<b>*110*</b>									
Packaging	<b>Memo</b>	0.00							
Packaging									

*(6) 13/02/20 (6)**(6) 13/3/15 (6)*

NCR: Yes / No

DQA: Date:

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____ Part No. _____ NCR No. _____			<b>DISPOSITION</b> Rework Scrap Use-as-is Work Order Update		<b>AGAINST DEPARTMENT/PROCESS</b> Skid-tube Machining Thermoforming Large Fab Crosstube Small Fab Finishing Composite Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier					Engineering Quality Other																													
<b>Root Cause</b> Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector																											
<b>FAULT CATEGORY</b> <table border="1"> <tr> <td colspan="3"> <b>Landing Gear</b>            Bending            Centre Not Concentric to O/S            Cracks            Crushed/Crimped.            Cuffs            Heat Treat            Inspection Strip in Tube            Ripples in Bend            Torque Waves in Extrusion            Turning Sequence            Wave/Twist in Tube         </td> <td colspan="3"> <b>General</b>            Bend            BOM/Route            Broken/Damaged            Burrs            Contamination            Countersink            Cut Too Short            Drill Holes            Drawing            Finish            Folio         </td> <td colspan="3">           Grain            Hardware            Inspection Incomplete            Instructions Incomplete/Unclear            Maintenance            Mislabeled            Misread            Offset            Out of Calibration            Out of Sequence            Outside Dimensions         </td> <td colspan="3">           Ovalized            Over/Under tolerance            Part Incorrect            Part Lost/Missing            Part Moved            Positioned Wrong            Power Loss/Surge         </td> <td colspan="2">           Pressure/Forced            Temperature/Cure            Weld            Wrong Stock Pulled         </td> </tr> <tr> <td colspan="12"></td> <td colspan="2">           Other         </td> </tr> </table>												<b>Landing Gear</b> Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube			<b>General</b> Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish Folio			Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration Out of Sequence Outside Dimensions			Ovalized Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Positioned Wrong Power Loss/Surge			Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled														Other	
<b>Landing Gear</b> Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube			<b>General</b> Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish Folio			Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration Out of Sequence Outside Dimensions			Ovalized Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Positioned Wrong Power Loss/Surge			Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled																											
												Other																											

Work Order ID 97116

February-14-13 2:29:20 PM

\*97116\*

Page 2

Item ID: D3949-041

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Remove before Flight Flag Assembly

Stop

\*NS2\*

Start Date: 2/12/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 2/25/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

\*120\*

QC

Quality Control

QC6- Inspect dimensions to drawing

0.00

27  
13.37

6

130

\*130\*

Packaging

Packaging

Identify as per dwg & Stock Location: ST 494 0.00

0.00

Memo

6X

88  
13-38

140

\*140\*

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

13-03-11

13-03-6

NCR: Yes / No

DQA: Date: 6

## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

# Picklist Print

February-14-13 10:50:27 AM

Page 1

Work Order ID: 97116

Parent Item: D3949-041

Parent Item Name: Remove before Flight Flag Assembly

Start Date: 2/12/13

Required Date: 2/25/13

Start Qty: 4.00

Required Qty: 4.00

## Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3949-041P		Purchased	No			110	Each	0.0000	1	4		1/3/36 (6)	

Remove before Flight Flag Assembly

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>					
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector	
Doc/Data	<input type="checkbox"/>												
Equip/Tooling	<input type="checkbox"/>												
Operator	<input type="checkbox"/>												
Material	<input type="checkbox"/>												
Setup	<input type="checkbox"/>												
Other	<input type="checkbox"/>												
Process	<input type="checkbox"/>												
Supplier	<input type="checkbox"/>												
Training	<input type="checkbox"/>												
Unapproved	<input type="checkbox"/>												
FAULT CATEGORY													
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
												<input type="checkbox"/> Other	

8

7

6

5

4

3

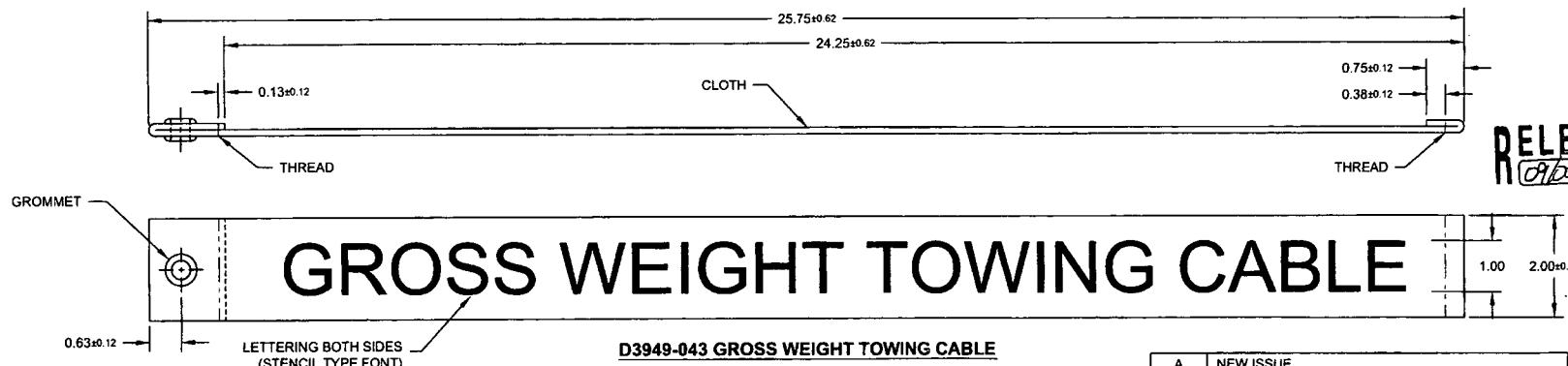
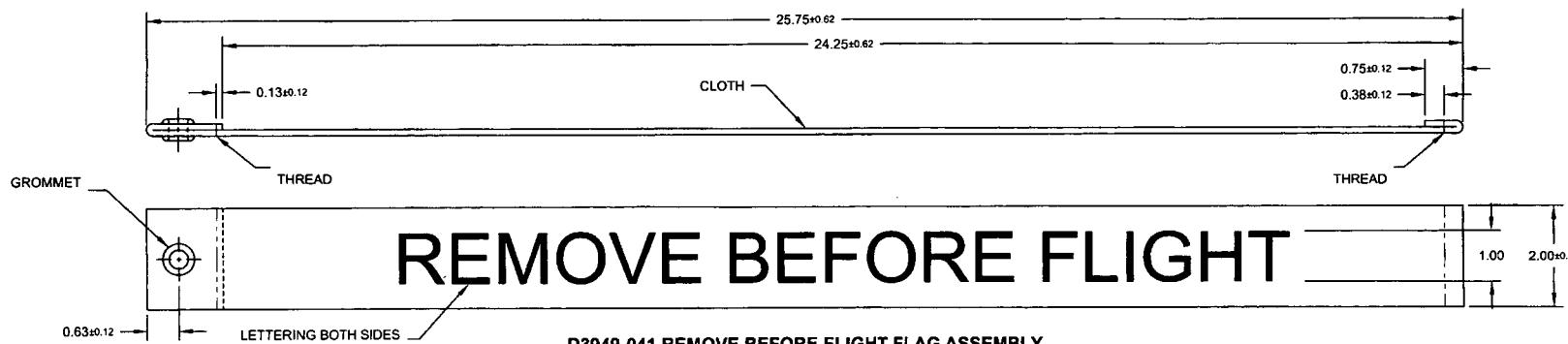
2

1

ITEM No.	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D3949-041	REMOVE BEFORE FLIGHT FLAG ASSY
		X	D3949-043	GROSS WEIGHT TOWING CABLE FLAG ASSY
11	A/R	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
12	A/R	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
13	A/R	A/R	GROMMET	BRASS PER SUPPLIER
14	A/R	A/R	LETTERING	WHITE PER SUPPLIER

### SPECIFICATION CONTROL DRAWING

9/11/16 8/13-02-19



A	NEW ISSUE	AJS	09.05.14
REV.	DESCRIPTION		
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3949	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		FLAG ASSEMBLY (SCD)	NTS
DATE	09.05.14	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

**PURCHASE ORDER**Purchase Order ID **PO19138**

Purchase Order Date 2/20/13

PO Print Date 2/20/13

Page Number 1 of 1

Order From : VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA**FAXED**  
2/20/13

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3949-041P	Remove before Flight Flag Assembly	3/08/13	6.00	Dart Truck	\$14.0000	\$84.00
			Yes	Each			

Special Instr: AS PER DWG D3949 REV. A  
B97116

PO Total: \$84.00

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERYMATERIAL CERTIFICATION  
REQ'D UPON DELIVERYNo substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required YES  NO 

Change Nbr: 1

Change Date: 2/20/13

# PACKING SLIP

# TULMAR

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

Packing Slip No.

**47173**

Ship Date

1-Mar-13

Bill To:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

Ship to:

**Dart Aerospace**  
1270 Aberdeen Street  
Tel: 613-632-9577  
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager	
PO number	Ship Via	Shipping Terms		
Item No.	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
Description				
30002	20-Feb-13	CDART100	Helena Vandeweerd	
PO19138		Pick-Up	FOB HAWKESBURY	
8972-001		6	EA	6

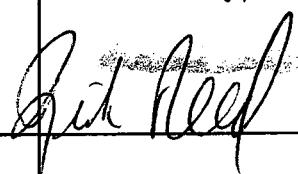
8972-001  
Strap, Colour Red, 25 $\frac{3}{4}$ " Long x 2" Wide, "Remove Before Flight"

Drawing No: D3949 (p/n D3949-041 Rev A)

DWG Rev: A

Lot No: BATCH10000000005 Qty: 6

Shipper



Date: MAR 01 2013

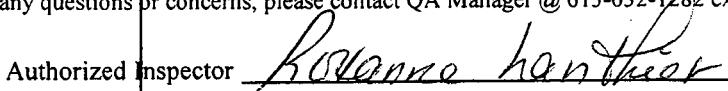
**Certificate of Conformance**

See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector



Date: MAR 01 2013



# J. ENNIS FABRICS

October 26, 2012

**Fax To:** Tulmar Safety Systems  
**Fax:** 613-632-2030  
**Attention:** Meagan  
**Fax From:** Susan Nolan

## Certificate of Conformance

**Re:** PO 24209-00 Sportlight 11 Red

The goods shipped on P/O 24209-00 are as per sampled goods. Specification as follows:  
As per mill documentation, Sportlight 11 Red is in compliance with the following standards:

**Width:** Product is 58 inches wide.  
**Roll Size:** Average roll length is 50 yards.  
**Weight:** Product weight is 21.18 ounces per lineal yard. Product weight is 13.15 ounces per square yard.  
**Content:** 100% Nylon  
**Coating:** Product has a Polyvinyl Chloride Coating  
**Denier:** 420 Denier  
**Thread Count:** Construction is 48 x 34 threads per square inch.  
**Protective Finish:** Product is water repellent.  
**Hydro Resist:** Product has hydro-resistant properties. AATCC 127-1988: 5000mm  
**Breaking:** CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 408 lbs, Weft: 304 lbs  
**Tearing:** CAN 2-4.2-M77 Method 12.3 Pendulum: Warp: 25 lbs. Weft: 17.5 lbs  
**Elongation:** CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 58%, Weft: 51%  
**Cold Crack:** Cold Crack is -20 degree Celsius  
**Cautions:** Not dimensionally stable with temperature change. Product fades with prolonged U.V. Exposure. PVC can crack or peel with exposure to extreme cold or solvents. Nylon is not suitable for boat tops, travel covers, tonneau covers or other outdoor applications.

**Manufacture Date:** 10/26/11

**Lot Number:** 402933

**Sincerely,**  
J. Ennis Fabrics Ltd.

*S Nolan*

Susan Nolan  
Customer Service Centre Specialist

COFC FOR #D3949-001

BS #1738/06  
*S*

**LORD & HODGE, Inc.**

Grommets • Snap Fasteners • Vacu-Vises™  
P.O. Box 737, Middletown, CT 06457-0737  
TEL (860) 632-7006 FAX (860) 632-2192  
Web: [www.lordandhodge.com](http://www.lordandhodge.com)  
E-mail: [customerservice@lordandhodge.com](mailto:customerservice@lordandhodge.com)

WE CERTIFY THAT MATERIAL SUPPLIED ON:

PACKING LIST #: 84640

DATED: NOVEMBER 3, 2006

P.O. #: 11975

SOLD TO: TULMAR SAFETY SYSTEMS

QUANTITY: 35 GROSS

IS IN ACCORDANCE WITH SPECIFICATIONS: #1 GROM.& WASH.-BRASS

  
Signature

  
Title

\*\*\* # 422105



# cansew inc.

formerly / anciennement  
Canadian Sewing Supply Ltd. / Ltée – established / établie 1924

Manufacturers of sewing threads. / Wholesalers of elastics, Velcro, tapes, trimmings.  
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

27 September 2011

Tulmar Safety Systems  
1123 Cameron Street  
Hawkesbury, Ontario  
K6A 2B8

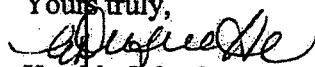
Att. Sandra Nadeau

### CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 27 September 2011, has been produced in accordance with the requirements of your Purchase Order no. 21401-00 of 26 September:

-Thread, nylon, CBB69, colour #51 (red), V-T-295, type 2, class A, size E – 9.72 lb, lot # 1644502

Yours truly,

  
Herschie Schachter  
CANSEW INC.

TSS # 2532/04. (a)

MONTRÉAL: Head Office/Siège social  
111 Chabanel W./O: H2N 1C9  
Administration (514) 382-2807  
Commandes/Orders (514) 382-2801  
1-800-361-7722  
FAX: (514) 385-5530

TORONTO  
28 Apex Rd. M6A 2V2  
(416) 782-1122  
1-800-387-8584  
FAX: (416) 782-8358

WINNIPEG  
1674 Church Ave R2X 2W9  
(204) 942-4264  
1-800-665-0701  
FAX: (204) 947-9280

CALGARY  
3932 - 29<sup>th</sup> St. N.E. T1Y 6B6  
(403) 291-4494  
1-800-667-4197  
FAX: (403) 291-5139

VANCOUVER  
1615 Venables St. V5L 2H1  
(604) 682-4341  
1-800-580-0737  
FAX: (604) 682-4196

THE

# DISCOVERY/LANCER GROUP

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454

## Certificate of Compliance

DATE: JAN. 24/12013

OUR PROD. NO.: 11021 (1012G)

CUSTOMER P/O NO.: 24717-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: TW MULTI PLASTIC INK

QTY. SHIPPED: 2

LOT NO.: 072811001X2

ROLL NO.:       

MANUFACTURING DATE: JULY 28 2011

SHelf-LiFe: 5 yrs.

We certify that the product,

11021 WHITE

TW MULTI PLASTIC INK

was manufactured, inspected and conforms to specifications  
applicable to the product.

Signature: 

Title: SHIPPER

5

TSS #7306-002/16

WHM7711

08087-289-879 07.01.2007/08/11

THE

# DISCOVERY/LANCER GROUP

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454

## Certificate of Compliance

DATE: Nov. 17 2011

OUR PROD. NO.: TW-1091-4

CUSTOMER P/O NO.: 21886-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: MULTI PLASTIC RETARDER

QTY. SHIPPED: 1 GALLON

LOT NO.: N/A

ROLL NO.: N/A

MANUFACTURING DATE: N/A Nov/2011

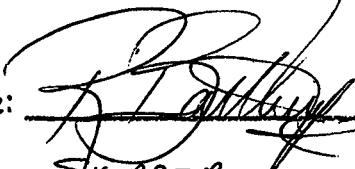
SELF-LIFE: 5 YRS. Nov/2016

We certify that the product,

TW-1091-4

MULTI PLASTIC RETARDER

was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature: 

Title: SHIPPER

TSS # 7306-RET/09 AC